BRUHATH BANGALORE MAHANAGARA PALIKE, DASARAHALLI ZONE

Office of the Executive Engineer Dasarahalli Division,

No.BBMP/EE/DD/Pack/Ten/04/2015-16, Date: 30.01.2016 **Indent No.20746**

SCHEDULE-B

NAME OF WORK: Improvements and Asphalting of ward roads & Connecting Roads in Ward No. 12 & 13 of Shettyhalli Sub Division Dasarahalli Zone.

Package No.DZ 2015-16-(01)

Sl. No	Description of work	Unit	Qty	(Approved Tender Rates) Rate Quoted by Contractor **MURALISWAMY**	
				In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	Removing B.S.Slabs and stacking etc complete.complete as per specfication & as per direction of Engineer-in-charge	Sqm	6633	58.00	Rupees Fifty Eight Only
2	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specfication & as per direction of Engineer-in-charge	Cum	7345.1	164.00	Rupees One Hundred Sixty Four Only
3	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specfication & as per direction of Engineer-in-charge	Cum	1115.26	4718.00	Rupees Four Thousand Seven Hundred Eighteen Only
4	Refixing stone slabs of drains and pointing in C.M (1:3)complete as per specfication & as per direction of Engineer-in-charge	Sqm	6697.5	72.00	Rupees Seventy Two Only
5	Providing and laying pre-cast drain cover slab of 100mm thickness in CM1:3 including cost of all materials,labour,curing, transportation, loading, unloading etc.,as per doirections of the Enineer-in-charge. {Data Rate sheet enclosed} complete as per specfication & as per direction of Engineer-in-charge	Sqm	3495.8	1677.00	Rupees One Thousand Six Hundred Seventy Seven Only
6	Providing and laying Pre Cast Drain Cover slabs of 250mm thickness including cost of all materials, labour, curing, transportation,loading, unloading etc.,complete as per the direction of Engineer - In- Charge. (Data Rate enclosed) complete as per specfication & as per direction of Engineer-in-charge	Sqm	303	4686.00	Rupees Four Thousand Six Hundred Eighty Six Only

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1	2	3	4	5	6
7	:oviding granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick complete as per specfication & as per direction of Engineer-in-charge	Sqm	6414	610.00	Rupees Six Hundred Ten Only
8	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. complete as per specfication & as per direction of Engineer-in-charge	Cum	205.56	3808.00	Rupees Three Thousand Eight Hundred Eight Only
9	Providing and constructing precast concrete solid blocks with compressive strength not less than 3.5 Newton per sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x15x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specfication & as per direction of Engineer-in-charge	Sqm	598	887.00	Rupees Eight Hundred Eighty Seven Only
10	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not less than 3.5 Newton per sq mm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specfication & as per direction of Engineer-in-charge	Sqm	478.4	684.00	Rupees Six Hundred Eighty Four Only
11	Providing and laying in position plain cement concrete cum of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and ciils, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specfication & as per direction of Engineer-in-charge	Cum	125.6	5056.00	Rupees Five Thousand Fifty Six Only
12	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specfication & as per direction of Engineer-in-charge	Sqm	11889.6	282.00	Rupees Two Hundred Eighty Two Only
13	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specfication & as per direction of Engineer-in-charge	Tonne	66.16	64290.00	Rupees Sixty Four Thousand Two Hundred Ninety Only

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1	2	3	4	5	6
14	. roviding and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mix concrete(RMC) for RCC works laid in 15 cms thick layers and well conpacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exlusive of cost of steel and fabrication charges) Ready mix concrete M-20 for raft foundation, coulmn and footing, main ans secondary beams complete as per specfication & as per direction of Engineer-in-charge	Cum	2192.48	5831.00	Rupees Five Thousand Eight Hundred Thirty One Only
15	Scarifying bituminous course 50mm to 75mm thick along with premix carpet /surface dressing by road roller attached with scarifier without disturbing the base and stavkung the debris including cost of all labour charges, HOM of machineries complete as per specfication & as per direction of Engineer-in-charge	Sqm	1836	24.00	Rupees Twenty Four Only
16	Earth work in soil with hydraulic excavator of 0.9 cu.m. bucket capacity including cutting and loading in tippers, trimming bottom and side slopes. In accordance with requirements of lines, grades and cross sections, and transporting to the embankment location and complete as per specifications. complete as per specfication & as per direction of Engineer-in-charge	Cum	5604.39	132.00	Rupees One Hundred Thirty Two Only
17	Construction of granular sub-base of Grading II Material by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Methodcomplete as per specfication & as per direction of Engineer-in-charge	cum	2381.72	1494.00	Rupees One Thousand Four Hundred Ninety Four Only
18	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specfication & as per direction of Engineer-in-charge	Sqm	18241.05	4.00	Rupees Four Only
19	Providing, laying, spreading and compacting graded stone aggreate to wet mix mecadam specification including premixing the materials with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achive the desired density complete as per specfication & as per direction of Engineer-in-charge	Cum	3381.09	1578.00	Rupees One Thousand Five Hundred Seventy Eight Only
20	Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specfication & as per direction of Engineer-in-charge	Sqm	18416.05	29.00	Rupees Twenty Nine Only

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21	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specfication & as per direction of Engineer-in-charge	Sqm	20909.5	3.00	Rupees Three Only
22	Providing and applying tack coat using 80/100 grade bitumen(VGIO) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specfication & as per direction of Engineer-in-charge	Sqm	33808.05	13.00	Rupees Thirteen Only
23	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-ll (30 mm to 45 mm) with 6 % VG-30 Bitumen using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509.complete as per specfication & as per direction of Engineer-in-charge	Cum	1371.22	9100.00	Rupees Nine Thousand One Hundred Only
24	Providing and fixing Precast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. Of size 450 x 150 x 400 mm. complete as per specfication & as per direction of Engineer-in-charge	No	1055.56	295.00	Rupees Two Hundred Ninety Five Only
25	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, labour complete as per specifications. complete as per specfication & as per direction of Engineer-in-charge	Sqm	190	56.00	Rupees Fifty Six Only
26	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface - Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sq.m. area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC :35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. complete as per specfication & as per direction of Engineer-in-charge	Sqm	1647.45	435.00	Rupees Four Hundred Thirty Five Only

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Dasarahalli Division,

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